



PRECISION SERVICE INC.
Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

Run No. 717-1
Date Run 09/17/84
Date Sampled 09/18/84

Analysis For: BENNETT & CATHEY WRLN.
Lease: Pecheco Federal Sta#3 Producer: Gulf
Location: Wildcat County: Eddy State: New Mexico
Purpose: 4 Point Sampled By: B & C Wireline
Sampling Temp.: 50 °F Atmos Temp.: 85 °F
Volume/day: 1000 MCF/Day Formation: Strawn
Pressure on Bomb: 400 PSIG; Line Pressure: 413.2 PSIA PSIG

Gas Component			Analysis	Press. Base: 14.73
	Mol. %	Liq. %	GPM Per MCF	
Carbon Dioxide CO ₂	.268			BTU Dry <u>1224</u>
Oxygen O ₂	.029			BTU Wet <u>1205</u>
Nitrogen N ₂	1.208			Calc. Specific Gravity <u>.708</u>
Hydrogen Sulfide H ₂ S				
				@ Std. Press. 14.696
Methane C ₁	79.769		13.521	BTU Dry <u>1223</u>
Ethane C ₂	11.809		3.158	BTU Wet <u>1202</u>
Propane C ₃	4.529		1.248	
Iso-Butane IC ₄	.523		.171	Calc. Vap. Press. #/Sq.In. _____
Nor-Butane NC ₄	.972		.307	Reid Vap. Press. #/Sq.In. _____
Iso-Pentane IC ₅	.250		.092	Z Factor <u>.9967</u>
Nor-Pentane NC ₅	.242		.088	N Value <u>1.2816</u>
Hexanes plus	.400		.185	Ave Mol Wt <u>20.4365</u>
Hexanes C ₆				Ave Cu Ft/Gal _____
Heptanes				
Heptanes Plus C ₇ +				Run by <u>Joe H. Kroun</u>
				Calculated By <u>Jeffrey A. Propp</u>
Total	100.000		18.768	
Pentane + G.P.M.			.364	
Propane + GPM			2.089	Ethane + GPM <u>5.248</u>
5-lb Gasoline			1.076	

Remarks:

Distribution: